

SMAPVEX12 Aircraft Observations & Field Sampling

Date	PALS Science Flight	UAVSAR Science Flight	Soil Moisture Sampling	Vegetation Sampling	Vegetation Structure Sampling	Notes
4-Jun (Mon)						
5-Jun						PALS checkout; Visit air traffic control; Field sampling training day at ROC
6-Jun						PALS flight test; Field sampling training day at ROC/in field
7-Jun	✓		✓	x	✓	PALS flew all sites (HL1, HL2 missed)
8-Jun	o		o	o	o	Down day due to rain
9-Jun	o		o	✓	o	Planned "Go", then cancelled due to thunderstorm
10-Jun	o		o	o	o	Down day (rain forecast)
11-Jun (Mon)	x		x	✓	✓	Down day (rain forecast), but some sampling
12-Jun	✓		✓	x	✓	Clear day, PALS flew all lines
13-Jun	x		x	✓	✓	Showers in am - no flights
14-Jun	o		o	o	o	Down day (rain forecast)
15-Jun	✓		✓	x	✓	Clear day, PALS flew all lines
16-Jun	x	x	x	✓	x	Down day (rain forecast)
17-Jun	✓	✓	✓	x	✓	Clear day, PALS & UAVSAR flew all lines
18-Jun (Mon)	x	x	x	✓	✓	Down day (rain forecast)
19-Jun	x	✓	x	✓	✓	Down day for PALS (rain forecast), but UAVSAR flew
20-Jun	o	o	o	o	o	Down day (Twin Otter aircraft open house)
21-Jun	x	x	x	✓	✓	Down day (rain forecast)
22-Jun	✓	✓	✓	x	✓	Clear day, PALS & UAVSAR flew all lines
23-Jun	✓	✓	✓	x	✓	Clear day, PALS & UAVSAR flew all lines
24-Jun	x	x	x	✓	✓	Clear day, no flights, allow dry-down
25-Jun (Mon)	✓	✓	✓	x	✓	Clear day, PALS & UAVSAR flew all lines
26-Jun	o	o	o	o	o	Clear day, no flights, sampling rest day
27-Jun	✓	✓	✓	x	✓	PALS & UAVSAR flew, strong winds restricted TO
28-Jun	x	x	x	✓	✓	Clear day, no flights, veg sampling day
29-Jun	✓	✓	✓	x	limited	PALS & UAVSAR flew, sunglint in PALS data
30-Jun	x	x	x	✓	limited	Decided no PALS & UAVSAR flights
1-Jul	o	o	o	o	o	UAVSAR unavailable, Canada Day
2-Jul (Mon)	x	x	x	x	✓	UAVSAR unavailable
3-Jul	✓	✓	✓	x	✓	Clear day, PALS & UAVSAR flew all lines
4-Jul	o	o	o	o	o	4th July holiday, rain in morning
5-Jul	✓	✓	✓	x	✓	Clear day, PALS & UAVSAR flew all lines
6-Jul	o	o	o	o	o	Rain in morning
7-Jul	x	x	x	✓	✓	Rain forecast
8-Jul	✓	✓	✓	x	✓	TO problem at high alt
9-Jul (Mon)	x	x	x	✓	✓	
10-Jul	✓	✓	✓	x	✓	
11-Jul	o	o	o	o	o	TO down for maintenance
12-Jul						TO down for maintenance
13-Jul						
14-Jul						
15-Jul						
16-Jul (Mon)						
17-Jul						
18-Jul						
19-Jul						
20-Jul						